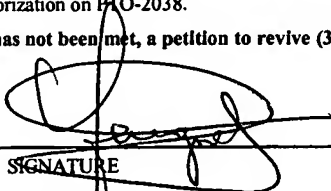
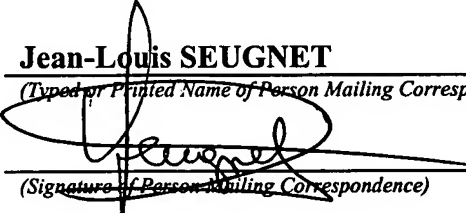


Form PTO-1390 (REV.11-2000)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTORNEYS DOCKET NUMBER RN02005	
TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED (DO/EO/US) CONCERNING A FILING UNDER 35 U.S.C. 371				U.S. APPLICATION NO. (IF KNOWN) 10/502178	
				NOT APPLICABLE	
INTERNATIONAL APPLICATION NO. PCT/FR03/00177		INTERNATIONAL FILING DATE January 20, 2003		PRIORITY DATE CLAIMED January 21, 2002	
COIL FOR COOLANT CIRCULATION, METHOD FOR MAKING SAME AND REACTOR COMPRISING SAME					
APPLICANT(S) FOR DO/EO/US: Thierry NURIS, and Jean-François THIERRY					
Applicant herewith submits the United States Designated/Elected Office (DO/EO/US) the following items and other information:					
<ol style="list-style-type: none"> <input checked="" type="checkbox"/> This is a FIRST submission of items concerning a filing under 35 U.S.C. 371. <input type="checkbox"/> This is a SECOND or SUBSEQUENT submission of items concerning a filing under 35 U.S.C. 371. <input checked="" type="checkbox"/> This is an express request to begin national examination procedures (35 U.S.C. 371 (f)). The submission must include items (5), (6), (9) and 24 indicated below. <input checked="" type="checkbox"/> The US has been elected by the expiration of 19 months from the priority date (Article 31). <input checked="" type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371(c) (2)) <ol style="list-style-type: none"> <input type="checkbox"/> is attached hereto (required only if not communicated by the International Bureau). <input checked="" type="checkbox"/> has been communicated by the International bureau. <input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US). <input checked="" type="checkbox"/> An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)) <ol style="list-style-type: none"> <input checked="" type="checkbox"/> is attached hereto. <input type="checkbox"/> has been previously submitted under 35 U.S.C. 154(d)(4). <input checked="" type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3)) <ol style="list-style-type: none"> <input type="checkbox"/> are attached hereto (required only if not communicated by the International Bureau). <input type="checkbox"/> have been communicated by the International Bureau. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired <input checked="" type="checkbox"/> have not been made and will not be made. <input type="checkbox"/> An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)). <input checked="" type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)). "UNSIGNED" <input type="checkbox"/> An English language translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)). <input checked="" type="checkbox"/> A copy of the International Preliminary Examination Report (PCT/IPEA/409). <input checked="" type="checkbox"/> A copy of the International Search Report (PCT/ISA/210) 					
Items 13 to 18 below concern document(s) or information included:					
<ol style="list-style-type: none"> <input type="checkbox"/> An information Disclosure Statement under 37 CFR 1.97 and 1.98. <input type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included. <input checked="" type="checkbox"/> A FIRST preliminary amendment. <input type="checkbox"/> A SECOND or SUBSEQUENT preliminary amendment. <input type="checkbox"/> A substitute specification. <input type="checkbox"/> A change of power of attorney and/or address letter. <input type="checkbox"/> A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 35 U.S.C. 1.821-1.825. <input type="checkbox"/> A second copy of the published international application under 35 U.S.C. 154(d)(4). <input type="checkbox"/> A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4). <input checked="" type="checkbox"/> Certificate of Mailing by Express Mail. <input checked="" type="checkbox"/> Other items or information: <ol style="list-style-type: none"> Form PCT/IB/308 Form PCT/IB/332 Form PCT/ISA/210 French version Form PCT/ISA/210 English Version Form PCT/IPEA/409 French Version Form PCT/IPEA/409 Translation in English Language Form PCT/IPEA/416 French version Form PCT/IPEA/416 English Version 					
<input checked="" type="checkbox"/> PCT/FR03/00177 as published					

U.S. APPLICATION NO. (IF KNOWN) NOT APPLICABLE		INTERNATIONAL APPLICATION NO. PCT/FR03/00177		ATTORNEYS DOCKET NUMBER RN02005	
24. The following fees are submitted:				CALCULATIONS PTO ONLY	
BASIC NATIONAL FEE (37 CFR 1.492 (a) (1) - (5)):					
<input type="checkbox"/> Neither international preliminary examination fee (37 CFR 1,482) nor international search fee (37 CFR 1.445(a)(2)) paid to USPTO and International Search Report not prepared by the EPO or JPO				\$1,040.00	
<input checked="" type="checkbox"/> International preliminary examination fee not paid to USPTO but International Search Report prepared by the EPO or JPO.....				\$920.00	
<input type="checkbox"/> International preliminary examination fee (37 CFR 1.482) not paid to USPTO but international search (37 CFR 1,445 (a)(2)) fee paid to USPTO.....				\$740.00	
<input type="checkbox"/> International preliminary examination fee (37 CFR 1.482) paid to USPTO but all claims did not satisfy provisions of PCT Article 33(1)-(4).....				\$710.00	
<input type="checkbox"/> International preliminary examination fee (37 CFR 1.482) paid to USPTO and all claims satisfied provisions of PCT Article 33(2)-(4).....				\$100.00	
ENTER APPROPRIATE BASIC FEE AMOUNT =				\$920.00	
Surcharge of \$130.00 for furnishing the oath or declaration later than months from the earliest claimed priority date (37 CFR 1,492(e)). <input type="checkbox"/> 20 <input type="checkbox"/> 30				\$0.00	
CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE		
Total Claims	19 - 20 =	0	X \$18.00	\$0.00	
Independent Claims	1 - 3 =	0	X \$84.00	\$920.00	
Multiple Dependent Claims (Check if applicable)			<input type="checkbox"/>	\$0.00	
TOTAL OF ABOVE CALCULATIONS =				\$920.00	
<input type="checkbox"/> Applicant claims small entity status. (See 37 CFR 1.127). The fees indicated above are reduced by 1/2.				\$0.00	
SUBTOTAL =				\$920.00	
Processing fee of \$130.00 for furnishing the English translation later than months from the earliest claimed priority date (37 CFR 1.492 (f)). <input type="checkbox"/> 20 <input type="checkbox"/> 30				\$0.00	
TOTAL NATIONAL FEE =				\$920.00	
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31) (check if applicable)			<input type="checkbox"/>	\$0.00	
TOTAL FEES ENCLOSED =				\$920.00	
				Amount to be refunded	\$
				charged	\$
a. <input type="checkbox"/> A check in the amount of \$_____ to cover the above fees is enclosed. b. <input checked="" type="checkbox"/> Please charge my Deposit Account No. 18-1171 in the amount of \$920.00 to cover the above fees. c. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 18-1171. A duplicate copy of this sheet is enclosed. d. <input type="checkbox"/> Fees are to be charged to a credit card. WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038. NOTE: Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37 CFR 1.137 (a) or (b)) must be filed and granted to restore the application to pending status.					
SEND ALL CORRESPONDANCE TO Jean-Louis SEUGNET RHODIA INC. 259 Prospect Plains Road CN 7500 CRANBURY, NJ 08512					
SIGNATURE  Jean-Louis SEUGNET NAME					
Limited Recognition under 37 CFR § 10.9(b) REGISTRATION NUMBER July 21, 2004 DATE					

10/502178

: DT03 Rec'd PCT/PTO 21 JUL 2004

CERTIFICATE OF MAILING BY "EXPRESS MAIL" (37 CFR 1.10)			Docket No. RN02005										
Applicant(s): Thierry NURIS, and Jean-François THIERRY													
Serial No. National Phase of PCT/FR03/00177 Intern Filing Date: 01/20/03	Filing Date To be assigned	Examiner To be assigned	Group Art Unit To be assigned										
COIL FOR COOLANT CIRCULATION, METHOD FOR MAKING SAME AND REACTOR COMPRISING SAME													
I hereby certify that this													
<input checked="" type="checkbox"/> Transmittal letter sending documents referred to herein <input checked="" type="checkbox"/> Specification with Abstract (16 pages) <input checked="" type="checkbox"/> Drawings (4 pages) <input checked="" type="checkbox"/> Declaration/Power of Attorney (2 pages) <input type="checkbox"/> Information Disclosure Statement with copies of references <input checked="" type="checkbox"/> Preliminary Amendment (6 pages) <input checked="" type="checkbox"/> PCT/FR03/00177 as published <input type="checkbox"/> Signed Assignment and Recordation Sheet <input checked="" type="checkbox"/> Limited Recognition under 37 CFR § 10.9(b) <input checked="" type="checkbox"/> Other: <table border="0"> <tr> <td><input checked="" type="checkbox"/> Form PCT/IB/308</td> <td><input checked="" type="checkbox"/> Form PCT/ISA/210 English Version</td> </tr> <tr> <td><input checked="" type="checkbox"/> Form PCT/IB/332</td> <td><input type="checkbox"/> Form PCT/IPEA/409 Translation in English</td> </tr> <tr> <td><input type="checkbox"/> Form PCT/ISA/210 French Version</td> <td><input type="checkbox"/> Form PCT/IPEA/416 English Version</td> </tr> <tr> <td><input type="checkbox"/> Form PCT/ISA/220 French Version</td> <td><input checked="" type="checkbox"/> Form PCT/IPEA/416 French Version</td> </tr> <tr> <td><input checked="" type="checkbox"/> Form PCT/IPEA/409 French Version</td> <td></td> </tr> </table>				<input checked="" type="checkbox"/> Form PCT/IB/308	<input checked="" type="checkbox"/> Form PCT/ISA/210 English Version	<input checked="" type="checkbox"/> Form PCT/IB/332	<input type="checkbox"/> Form PCT/IPEA/409 Translation in English	<input type="checkbox"/> Form PCT/ISA/210 French Version	<input type="checkbox"/> Form PCT/IPEA/416 English Version	<input type="checkbox"/> Form PCT/ISA/220 French Version	<input checked="" type="checkbox"/> Form PCT/IPEA/416 French Version	<input checked="" type="checkbox"/> Form PCT/IPEA/409 French Version	
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<input checked="" type="checkbox"/> Form PCT/IPEA/409 French Version													
(Identify type of correspondence)													
is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 in an envelope addressed to: Mail Stop PCT, The Commissioner for Patents, P.O. BOX 1450, Alexandria, VA 22313-1450, on: <u>July 21, 2004</u> Date													
<u>Jean-Louis SEUGNET</u> (Typed or Printed Name of Person Mailing Correspondence)  (Signature of Person Mailing Correspondence)													
<u>EV 288323065 US</u> ("Express Mail" Mailing Label Number)													
Note: Each Paper must have its own certificate of mailing.													